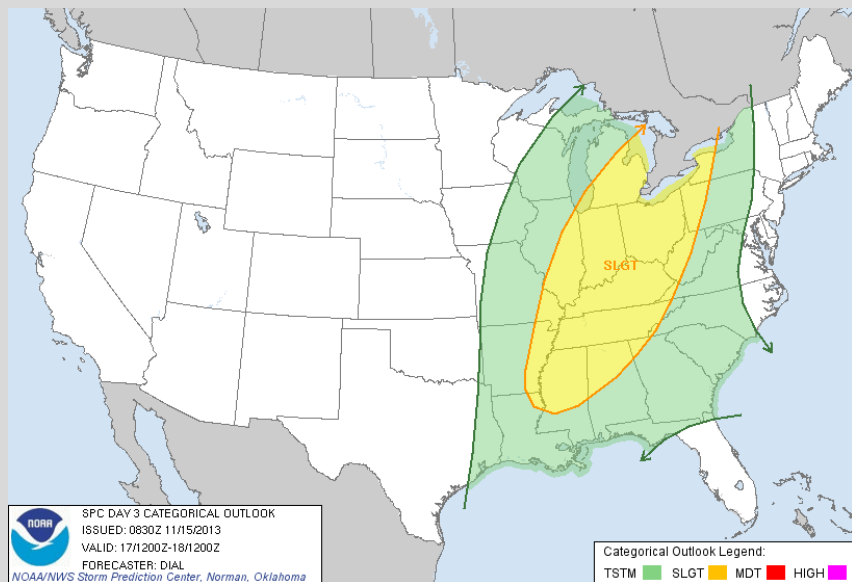




Winds and Storms Expected This Weekend



Severe Weather Outlook for Sunday



Click on the Image for the Most Current
Day 3 Severe Weather Outlook

Event Summary

Windy Conditions
Saturday Afternoon through Monday

Thunderstorms Saturday and Sunday
Severe Storms Possible Sunday

Dangerous Conditions on Lake Michigan
Saturday through Monday

Posted: November 15, 2013 – 1pm EST

weather.gov/grandrapids



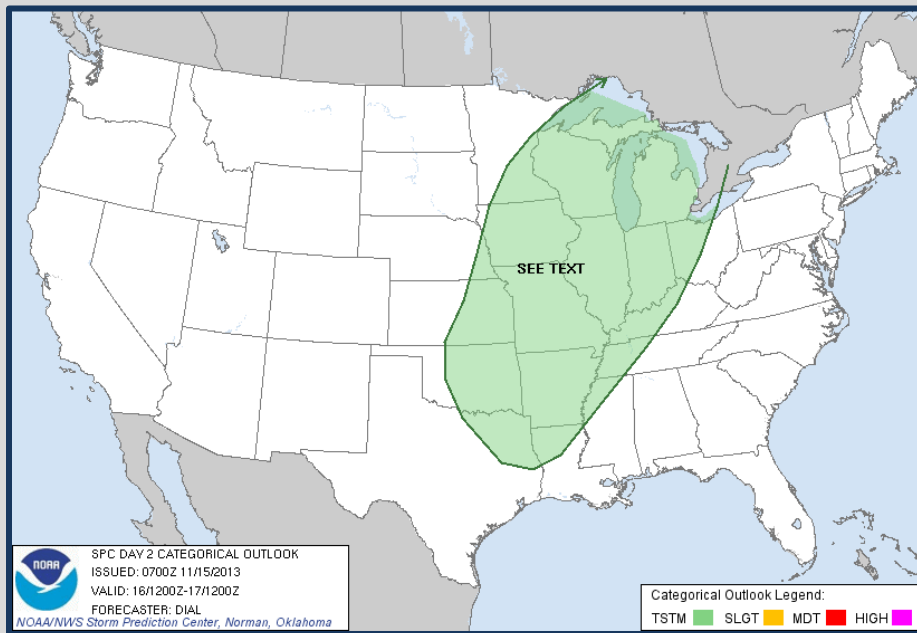


Severe Weather Outlook

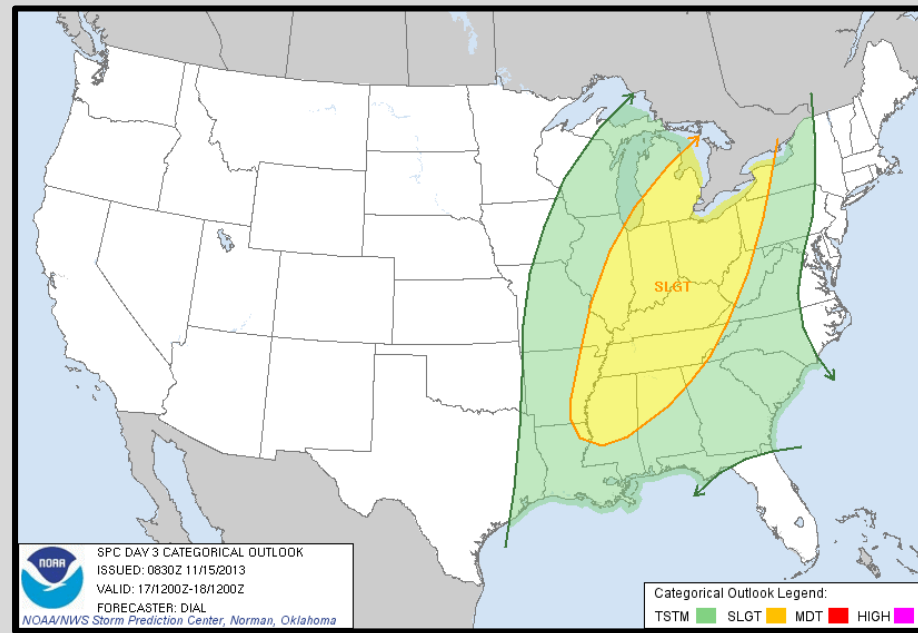
Thunderstorms Saturday, Severe Risk Sunday



Saturday, November 15



Sunday, November 16



Click on the Images for the Most Current Day 2 & 3 Severe Weather Outlooks

weather.gov/grandrapids





Severe Weather Details

Saturday Afternoon Through Late Sunday



What

All storms will have greater potential to cause wind damage, due to windy conditions that will already be in place

Greatest Threats:

- **Damaging Winds** – Could Exceed 70 mph in Strongest Storms

Lesser Threat:

- Large Hail, Tornadoes and Flooding

When

- Greatest Threat for Damaging Severe Storms is Sunday

Where

- All of Lower Michigan

Forecast Confidence

- Confidence of Storm Development is **Moderate**
- Confidence for Severe Weather is **Moderate**



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Windy Conditions This Weekend

Winds Saturday and Sunday

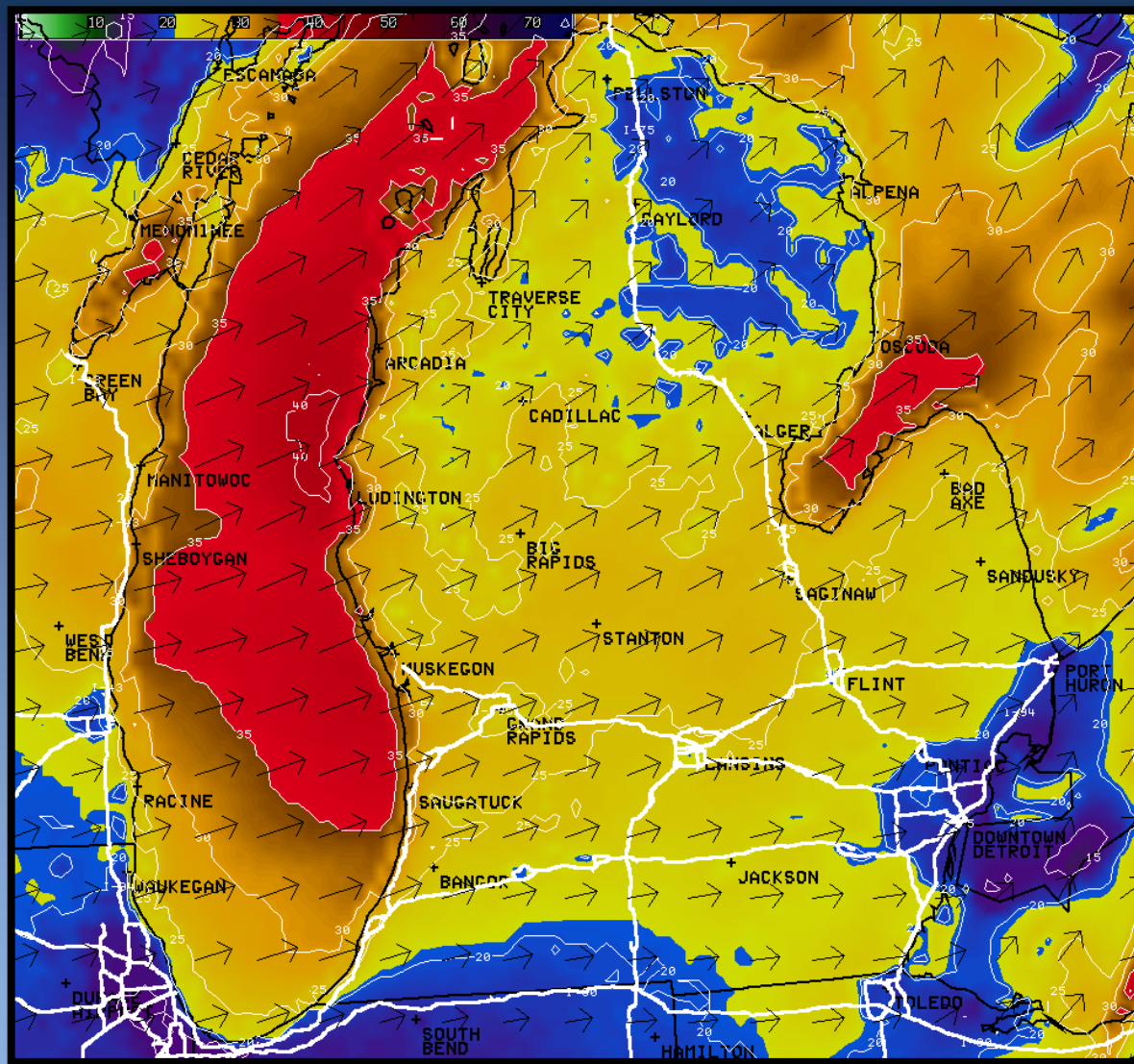
Inland

- Generally 20-30 mph
- Gusts over 40 mph

Lake Michigan

- Generally 20-40 mph
- Gusts over 50 mph

Damaging wind potential
increases in and near
thunderstorms



Dangerously Windy Conditions on Lake Michigan

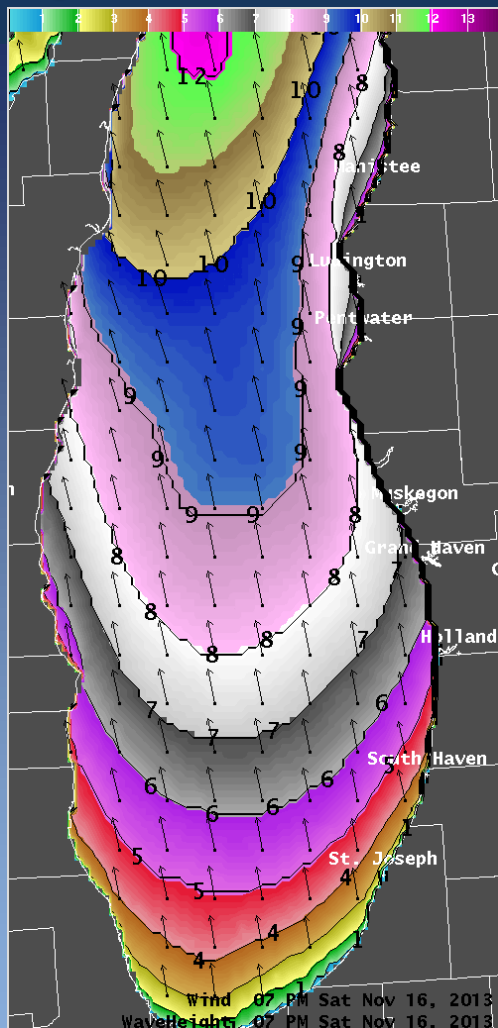
Winds Saturday and Sunday

- Generally 20-40 mph
- Gusts over 50 mph

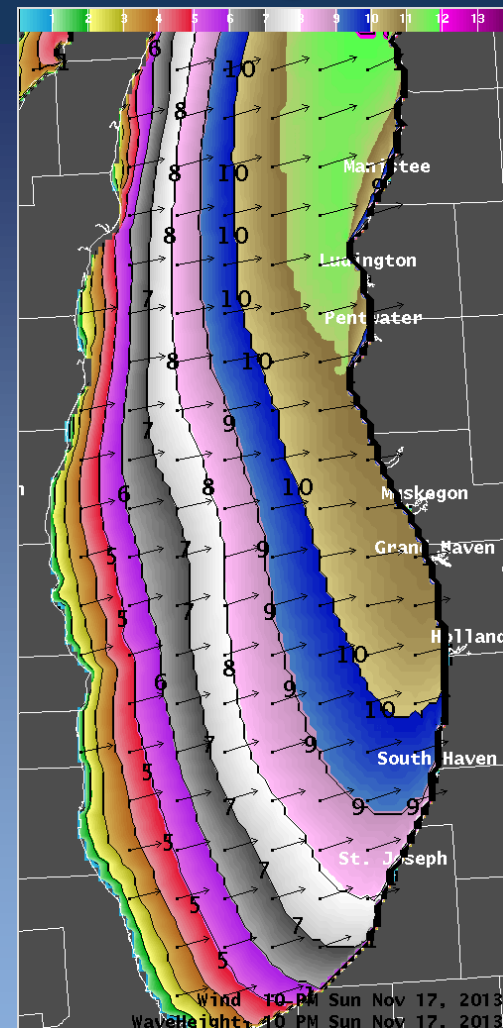
Waves

- 6-12 Feet
- Greater Than 12 Feet Possible

Thunderstorms will create more hazardous conditions Sunday



Wave Heights
Saturday Evening



Wave Heights
Sunday Evening



Hazards Summary Review

Saturday and Sunday



- **Damaging Wind is Greatest Threat**
 - **All of Lower Michigan**
- **Storms Develop Late Saturday, Severe Potential Sunday**
- **Locally Heavy Rainfall - Localized Flooding Possible**
- **Dangerously Windy Conditions on Lake Michigan**



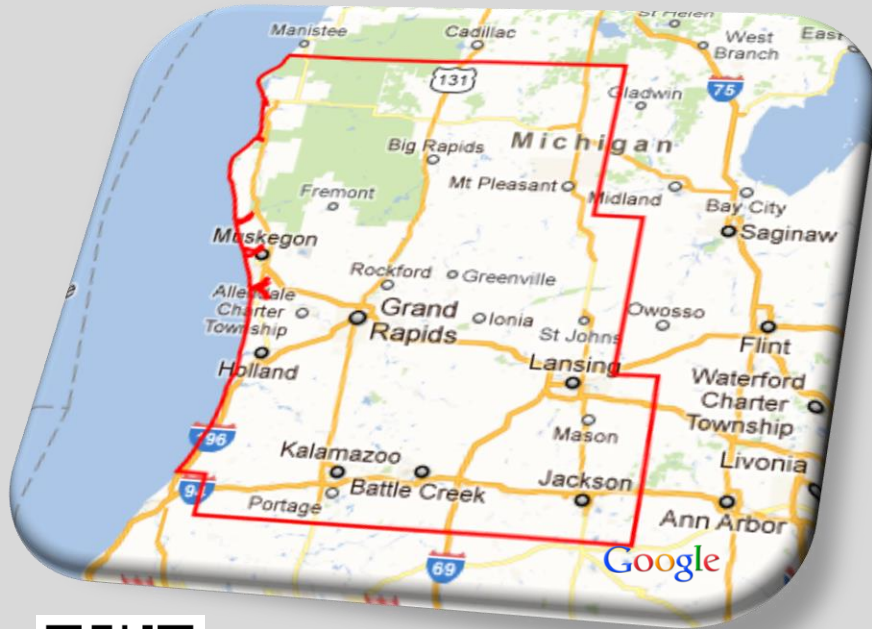
weather.gov/grandrapids





Important Web Links

Click the Links Below for More Information



Severe Weather Briefing Slides

www.weather.gov/grr/webinars

Regional Weather Radar Loop

www.weather.gov/radar

Severe Weather Summary

www.crh.noaa.gov/hazards/grr

Storm Prediction Center

www.spc.noaa.gov

NOAA National Weather Service - Grand Rapids, Michigan

National Weather Service
Grand Rapids

www.weather.gov/grandrapids

Email: w-grr.webmaster@noaa.gov

Phone: 616-949-0643



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